advertisement protocol messages to [the] a neighbor without receiving an acknowledgement for any of said link state advertisement protocol messages.

16. The program product of claim 15, wherein the link state routing protocol comprises:

link state distribution logic programmed to generate link state advertisement protocol messages; and

sliding window logic responsive to the link state distribution logic and programmed to maintain a sliding window for sending up to a predetermined maximum number of link state advertisement protocol messages to [the] a neighbor without receiving an acknowledgement for any of said link state advertisement protocol messages.